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ICS 13.060
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CJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

CJ/T 164-2014

Replacing CJ 164-2002

Domestic water saving devices

节水型生活用水器具

(English Translation)

Issued on: April 9, 2014 **Implemented on: August 1, 2014**

Issued by: Ministry of Housing and Urban-Rural Development of the People's Republic of China

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is CJ 164-2002 "water-saving domestic water appliances," the revision of this standard compared with the main CJ 164-2002 technology the differences are as follows.

--- The scope of the standard has been modified to increase the domestic dishwasher products;

--- Chapter 3 of the terms and definitions have been modified to increase the flow uniformity (see 3.2);

--- Added Chapter 4 material;

--- Increased water nozzle flow characteristics requirements (see 5.1.1);

--- Increased non-contact tap power-off and undervoltage protection requirements (see 5.1.4);

--- Increase the main dimensions of the toilet (see 5.2.2);

--- Increased toilet flushing requirements (see 5.2.5);

--- Increased urinal flushing requirements (see 5.2.6);

--- Increased squatting toilet flushing requirements (see 5.2.7);

--- Increased flushing valve flow characteristics of toilet requirements (see 5.4.2);

--- Increase non-contact toilet flushing valve power and undervoltage protection requirements (see 5.4.7);

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--- Increased shower requirements (see 5.5.1);

--- Increased shower flow characteristics of the requirements (see 5.5.2);

--- Increased shower temperature drop, spray angle, spray uniformity requirements (see 5.5.3, 5.5.4 and 5.5.5);

--- Increased dishwasher requirements (see 5.7);

--- Modify the nozzle life requirements (see 5.1.7, 2002 version 4.2.11);

--- Modify the toilet water absorption requirements (see 5.2.3, 2002 version 4.3.5);

--- Modify the washing machine rinsing performance requirements (see 5.6.2, 2002 version 4.6.2);

--- Modify the washing machine water requirements (see 5.6.2, 2002 version 4.6.3);

--- Chapter 6 test methods were modified;

--- Added Chapter 8 signs, packaging, transportation and storage.

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban Water Supply and Drainage Standardization Technical Committee building centralized.

This standard was drafted. Urban Construction Research Institute, the National Building Materials Industry Building Hardware Plumbing Product Quality Supervision and Testing Center, Beijing Water Conservation Management Center, Ningbo Amico Copper Valve Co., Ltd., Guangdong Huayi Bathroom Industry Co., Ltd., in Building Materials Group have Limited, brilliant plumbing Group Co., Ltd., Road (Xiamen) Industrial Co., Ltd., animal husbandry Group Co., Ltd., Taizhou Fenghua Copper Co., Ltd.

Division, Guangdong Chaoyang Sanitary Ware Co., Ltd., Guangdong Kennedy Long Hardware Products Co., Ltd., Zhejiang Supor bathroom Ltd.

1 Scope

This standard specifies the terms and definitions of water-saving domestic water appliances, materials, requirements, test methods, inspection rules, signs, packaging, transport Lose and store this standard applies to the installation of hot and cold water pipes in the building, the nominal pressure is not greater than 0.6MPa, medium temperature is not greater than 75 °C Faucets, toilet and toilet systems, toilet flushing valves, showers (including showerheads), domestic washing machines, household dishwashing systems Made and tested.

This standard does not apply to the bathtub faucet and washing machine faucets.

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2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 4288 Household and similar electric washing machine GB 6952 sanitary ceramics GB 18145 ceramic sealing faucet GB/T 23447 sanitary ware shower GB/T 23448 sanitary ware hoses GB 26730 sanitary ware toilet gravity flushing device and sanitary ware rack GB/T 26750 sanitary ware toilet pressure flushing device CJ/T 194 non-contact water supply equipment QB/T 1334 General technical requirements for water nozzles QB/T 1520 Household and similar electric dishwashers

3 Terms and definitions

The following terms and definitions apply to this document.

Than the same kind of conventional products can reduce the flow or water consumption, improve water efficiency, water-saving technology embodies the devices, appliances. The following referred to as water appliance.

Flow uniformity differenceamongflowrates Water-saving faucets, showers under the dynamic pressure, the highest average flow and the lowest average flow of the difference.

4 Material

4.1

products should not contain harmful additives, corrosive materials or painting, all drinking water in direct contact with the material, should not be

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